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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hong Jin *et al.*

Confirmation No.: 8169

Serial No.: 09/724,388

Art Unit: 1648

Filed: November 28, 2000

Examiner: Lucas, Zachariah

For: RECOMBINANT RSV EXPRESSION  
SYSTEMS AND VACCINES

Attorney Docket No: 7682-051-999

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97 & §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the continuing duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to the references **DP-FB** listed on the attached List of References Cited by Applicant. Legible copies of references **DP-FB** are enclosed.

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

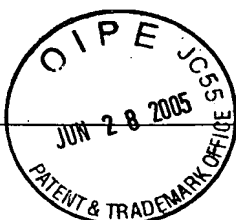
Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(c)(2), since this Information Disclosure Statement is being filed before the mailing date of a final Office Action, the fee required to be filed with the accompanying Information Disclosure Statement has been estimated to be \$180.00. Please charge the required fee to Jones Day Deposit Account No. 50-3013. A copy of this sheet is enclosed for accounting purposes.

Respectfully submitted, *by: Sebastian Martinek*  
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Date: June 28, 2005

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**LIST OF REFERENCES CITED BY APPLICANT**  
(Use several sheets if necessary)

ATTY DOCKET NO.

7682-051-999

APPLICATION NO.

09/724,388

APPLICANT

Hong Jin *et al.*

FILING DATE

November 28, 2000

GROUP

1648

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	DP EP 94202089.2	7/18/94	EP			
	DQ EP 0 780 475 B1	6/9/99	EP			

**OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.)

DR	Baer et al., 1990, Virology, 2 <sup>nd</sup> ed., Fields et al., eds., Raven Press Ltd., New York, pp. 883, 887
DS	Ballart (Eschle) et al., 1991, "RETRACTION: Infectious measles virus from cloned cDNA," EMBO J. 10(11):3558
DT	Ballart et al., 1990, "Infectious measles virus from cloned cDNA," EMBO J. 9(2):379-384
DU	Belshe et al., 1992, "Evaluation of a live attenuated, cold-adapted parainfluenza virus type 3 vaccine in children," J. Clin. Microbiol. 30(8):2064-2070
DV	Buchholz et al., 1999, "Generation of bovine respiratory syncytial virus (BRSV) from cDNA: BRSV NS2 is not essential for virus replication in tissue culture, and the human RSV leader region acts as a functional BRSV genome promoter," J. Virol. 73(1):251-259
DW	Calain et al., 1993, "The rule of six, a basic feature for efficient replication of Sendai virus defective interfering RNA," J. Virol. 67(8):4822-4830
DX	Calain et al., 1992, "Molecular cloning of natural paramyxovirus copy-back defective interfering RNAs and their expression from DNA," Virol. 191:62-71
DY	Crowe et al., 1996, "Acquisition of the ts phenotype by a chemically mutagenized cold-passaged human respiratory syncytial virus vaccine candidate results from the acquisition of a single mutation in the polymerase (L) gene," Virus Genes 13(3):269-273
DZ	Deng et al., 1991, "High-efficiency protein synthesis from T7 RNA polymerase transcripts in 3T3 fibroblasts," Gene 109(2):193-201
EA	Dimock and Collins, 1993, "Rescue of synthetic analogs of genomic RNA and replicative-intermediate RNA of human parainfluenza virus type 3," J. Virol. 67(5):2772-2778
EB	Elroy-Stein and Moss, 1990, "Cytoplasmic expression system based on constitutive synthesis of bacteriophage T7 RNA polymerase in mammalian cells," Proc. Natl. Acad. Sci. USA 87(17):6743-6747
EC	Fields et al., 1996, Virology 106, 168
ED	Fuerst et al., 1986, "Eukaryotic transient-expression system based on recombinant vaccinia virus that synthesizes bacteriophage T7 RNA polymerase," Proc. Natl. Acad. Sci. USA 83(21):8122-8126
EE	Gallione & Rose, 1985, "A single amino acid substitution in a hydrophobic domain causes temperature-sensitive cell-surface transport of a mutant viral glycoprotein," J. Virol. 54(2):374-382
EF	Garcin et al., 1995, "A highly recombinogenic system for the recovery of infectious Sendai paramyxovirus from cDNA: generation of a novel copy-back nondefective interfering virus," EMBO J. 14(24):6087-6094
EG	Kingsbury, ed., 1991, "Deletion mutants of paramyxoviruses," in: The Paramyxoviruses, Plenum Press, New York, pp. 275-298
EH	Kolakofsky et al., 1998, Paramyxovirus RNA synthesis and the requirement for hexamer genome length: The Rule of Six revisited," J. Virol. 72(2):891-899
EI	Kucera et al., 1985, "Pathways of the early propagation of virulent and avirulent rabies strains from the eye to the brain," J. Virol. 55(1):158-162
EJ	Lafay et al., 1994, "Vaccination against rabies: construction and characterization of SAG2, a double avirulent derivative of SADBern," Vaccine 12(4):317-320

EK	Li et al., 1988, "Site-specific mutations in vectors that express antigenic and temperature-sensitive phenotypes of the M gene of vesicular stomatitis virus," J. Virol. 62(10):3729-3737
EL	Lieber et al., 1989, "High level gene expression in mammalian cells by a nuclear T7-phase RNA polymerase," Nucleic Acids Res. 17(21):8485-8493
EM	Ligas et al., 1988, "A herpes simplex virus mutant in which glycoprotein D sequences are replaced by b-galactosidase sequences binds to but is unable to penetrate into cells," J. Virol. 62(5):1486-1494
EN	Morita et al., 1987, "Phenotypic revertants of temperature-sensitive M protein mutants of vesicular stomatitis virus: sequence analysis and functional characterization," J. Virol. 61(2):256-263
EO	Owens et al., 1993, "Cytoplasmic domain requirement for incorporation of a foreign envelope protein into vesicular stomatitis virus," J. Virol. 67(1):360-365
EP	Pattnaik, 1992, "Infectious defective interfering particles of VSV from transcripts of a cDNA clone," Cell 69:1011-1020
EQ	Radecke et al., 1997, "Reverse Genetics Meets the Nonsegmented Negative-Strand RNA Viruses," Rev. Med. Virol. 7(1):49-63
ER	Rauh et al., 1991, "Pseudorabies virus glycoproteins gII and gp50 are essential for virus penetration," J. Virol. 65(10):5348-5356
ES	Schnell et al., 1994, "Infectious rabies virus from cloned cDNA," Ninth Int'l Conference on Negative Strand Viruses (October 2-7, 1994) pp. 87, Abstract 90
ET	Schnitzer et al., 1979, "Morphological and biochemical characterization of viral particles produced by the tsO45 mutant of vesicular stomatitis virus at restrictive temperature," J. Virol. 29(1):185-195
EU	Seif et al., 1985, "Rabies virulence: effect on pathogenicity and sequence characterization of rabies virus mutations affecting antigenic site III of the glycoprotein," J. Virol. 53(3):926-934
EV	Shioda et al., 1986, "Determination of the complete nucleotide sequence of the Sendai virus genome RNA and the predicted amino acid sequences of the F, HN and L proteins," Nucleic Acids Res. 14(4):1545-1563
EW	Takeda et al., 2000, "Recovery of pathogenic measles virus from cloned cDNA," J. Virol. 74(14):6643-6647
EX	Tordo et al., 1992, "Evolution of negative stranded RNA genomes," Seminars in Virol. 3:341-357
EY	Whetter et al., 1994, "Analysis of hepatitis A virus translation in a T7 polymerase-expressing cell line," Arch. Virol. Suppl. 9:291-298
EZ	Whitt et al., 1990, "A fusion-defective mutant of the vesicular stomatitis virus glycoprotein," J. Virol. 64(10):4907-4913
FA	Whitt et al., 1989, "Glycoprotein cytoplasmic domain sequences required for rescue of a vesicular stomatitis virus glycoprotein mutant," J. Virol. 63(9):3569-3578
FB	Wyatt et al., 1995, "Replication-deficient vaccinia virus encoding bacteriophage T7 RNA polymerase for transient gene expression in mammalian cells," Virology 210(1):202-205

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.